



USMC Precision Strike



BGen "Wiley" Post
Assistant Deputy Commandant for
Aviation



Generating Precision Effects

- Accuracy, speed, lethality

- The right weapon
- In the exact place
- At the right time



- Generating and maintaining information pedigree

- The ability for a Marine to generate highly accurate targeting data at the tactical level
- Insert that information into a network that maintains pedigree
- Machine to Machine data transfer



Tactical Targeting Systems

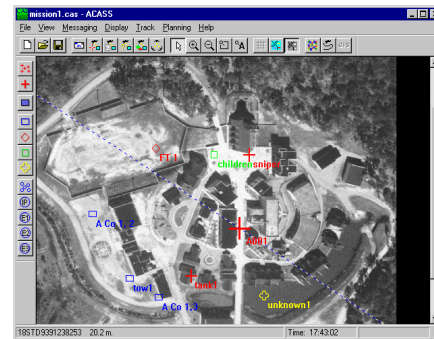
- Implications of the digital trend
 - Increased situational awareness at tactical level
 - Precision targeting at the tactical level
 - Rapid request and employment of precision fires
- Reduced lulls in C2 tempo inherent of legacy analog/voice systems by increasing accuracy, speed and situational awareness
- MAGTF objectives more rapidly achieved
 - GCE enabled by rapid and precise combined arms eff





USMC

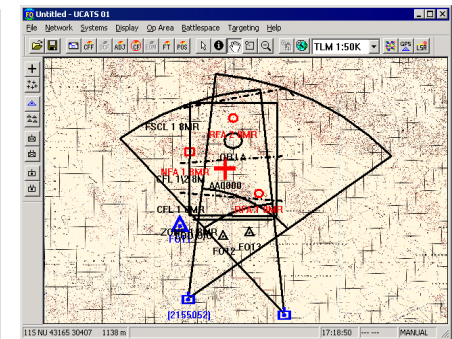
Target Location & Designation Handoff System (TLDHS)



LOCATE



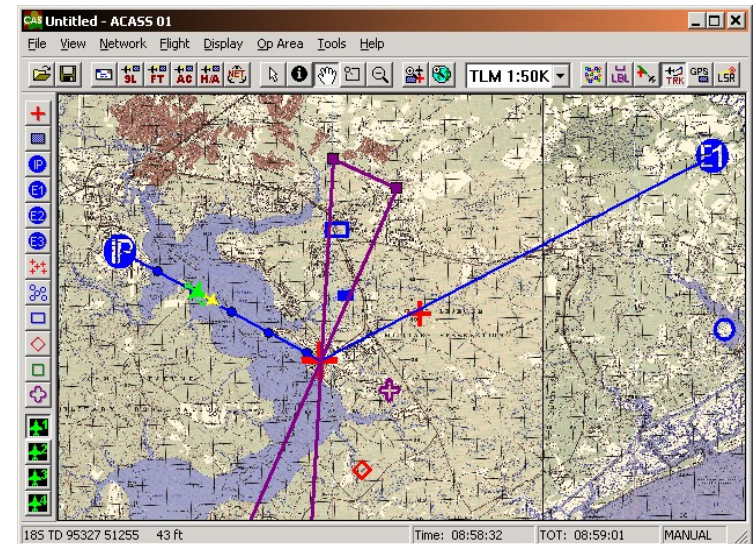
MENSURATE



COORDINATE



A ruggedized handheld computer, imbedded GPS, laser range finder, and radio with the ability to process lased target as a fire mission for ground, air, and naval surface fires simultaneously or separately and then passes that fire mission digitally to the firing



CONTROL



Litening Pod Downlink & ROVER

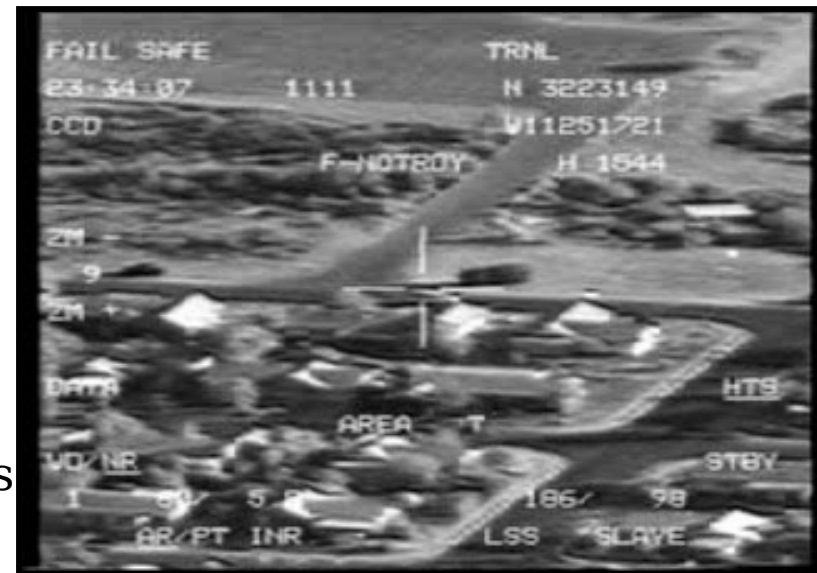
- Sensor downlink from AV-8B/F-18A+/C/D
 - Developed by PMA-257/MAWTS-1 for offensive air support missions (CAS, ground aided strike)
 - Supplies GCE video feed of aircraft or UAV





Litening Pod Video Downlink Capability

- Ten USMC downlink Litening Pods in OIF
 - 5 Pioneer/9 Predator Pods
- 43 Rover stations in theater
 - Other organic receive stations (MRS, RRS, GCS)
 - Access to UAV feeds
- New ways to employ
 - Convoy Escort/ISR (1000+) combat mis
- Benefits
 - Rapid & positive target ID
 - Increased GCE SA and offensive capability



Actual ground display



Questions?



Backup Slides

